

PROJECT MEETING MINUTES



Date: February 5, 2016 Project No.: C150132.00, Task 051

Project Title: Possum Point Power Station Ash Pond Closure

Meeting: **GAI / Dominion / VaDEQ Joint Meeting**

Meeting Date: February 3, 2016 Location: VA DEQ NRO

Attendees:

Company	Representative	Fax / Email
VaDEQ	Thomas A. Faha	Thomas.Faha@deq.virginia.gov
VaDEQ	Bryant Thomas	Bryant.Thomas@deq.virginia.gov
VaDEQ	Richard Doucette	Richard.Doucette@deq.virginia.gov
VaDEQ	Susan Mackert	susan.mackert@deq.virginia.gov
Dominion	Kenneth Roller	kenneth.roller@dom.com
Dominion	John Cima	John.A.Cima@dom.com
Dominion	Jeffrey Marcel	jeffrey.r.marcell@dom.com
GAI Consultants, Inc.	Scott Quinlan	[HYPERLINK "mailto:s.quinlan@gaiconsultants.com"]

Purpose: Discuss Permit and Outfall 010

The following is a list of deliverables developed from this coordination meeting.

Meeting and Action Items Summary:

- Permit is being challenged. It is anticipated that the following firms will supply advice to the petitioners:
 - Resource International, Inc. (consulting)
 - AquaLaw, PLC (attorney)Prince William County Board of Supervisors will be discussing the permit as well.
- John Cima of Dominion explained history of Pond D construction including description of slurry wall, clay liner and toe drain.
- Scott Quinlan of GAI Consultants, Inc. described the stormwater contributions and Ken Roller of Dominion discussed the lab results.
 - January monitoring result showed copper in excess of the effluent limitation for Outfall 010. Explanation of the data "hit" will be forwarded separately.
 - Interim solution collectively agreed with VaDEQ is to plug Outfall 010 at inlet of 72" culvert and / or outlet. DEQ will follow-up with the ACOE concerning potential wetland impacts.
 - 4-hr flow composite samples of Outfall 010 and the sources (i.e., toe drainage, stormwater) can be collected and analyzed for metals. 24-hr flow composite sample of Outfall 010 can be collected and

- analyzed for acute toxicity; however, due to plugging outfall the week of February 7th VaDEQ acknowledged that chronic toxicity is not able to be analyzed.
- It was discussed that sampling starts at the permit issuance and that the January sample was collected and that February would be collected.
4. The Concept Engineers Report (CER) was discussed although not submitted to VaDEQ to date.
 - Use of Metals Ponds for temporary holding of treated dewatering water a possibility; in addition to frac tanks or other types of storage tanks in lieu of using Pond E. The avenue for presenting this change is the CER. The DEQ will get back to DOM regarding this.
 - It is anticipated that the CER would be submitted by the 11th of February.
 5. Industrial Stormwater Outfalls were discussed.
 - Inspection required within 48 hours of a "measurable" runoff event that generates a discharge. A "measurable" runoff event was interpreted to be any rainfall event that results in a discharge from the outfall.
 - Outfall S107 monitoring can occur once Outfall 010 is approved to be transitioned to an industrial stormwater outfall. Outfall S107 grab samples may have pH below 6.0 S.U. from the rainwater contribution. Jeff Marcell noted that isolated rainwater monitoring at the station indicated a pH of 5.5.
 - VaDEQ advised Dominion to analyze pH of stormwater only contributions to Outfall 010.
 6. The Electronic Discharge Monitoring Report (DMR) is nearly ready for issuance by VaDEQ. Electronic reporting for February samples of Outfall 010 will occur in March. A paper DMR can be submitted in February for January samples.
 7. Jeff Marcell of Dominion discussed sampling procedures and logistics.
 8. Ash Pond E volumes decanted and pumped to Pond D were discussed; as well as the procedure of removing stop logs at Pond E outlet structure. This narrative will be forwarded to the DEQ separately. The narrative will include discussions of:
 - Starting pond volumes
 - Volume released
 - Volume to Pond D
 - Relate flows of all waters, dates, and DMRs, as appropriate
 - Discussion of impact from:
 - Rain
 - Process and freeze water pumping

Deliverables as a result of the meeting:

1. GAI/Dominion Deliverables to the VaDEQ
 - February Sampling - Analyze three (3) sets of 4-hour flow composite samples at the following points:
 - Toe Drainage through 2' sq. opening at inlet structure;
 - Stormwater only at existing inlet structure (if runoff occurs); and
 - Outfall 010.
 - Email confirmation of Outfall 010 monitoring:

- Dates of Sampling / Reporting;
 - February Chronic toxicity (not required if flow stopped during week of sample collection);
 - February Acute toxicity (assuming a sample could be obtained during 4-hr stormwater runoff event);
 - Explanation of copper hit on the Outfall 010 discharge from January sample
 - Concept Engineering Report
 - Due Feb. 11, 2016.
 - Metals Cleaning Waste Facility (i.e., Metals Ponds), frac tanks, and / or other temporary storage to be incorporated.
 - Paper delivery of Monitoring Results for January samples are due in February.
 - Electronic delivery of Discharge Monitoring Report for February samples are due in March
 - Provide narrative of pond volumes discharge and moved to Pond D including points described above.
2. VaDEQ Deliverables to Dominion
- VaDEQ is to reach out to US Army Corps. of Engineers for construction activity to plug Outfall 010.
 - Confirm wetland disturbance permit not required.
 - EDMR template.

Any clarifications or corrections to these action items should be submitted in writing to the author within five calendar days of the issued date of these minutes.

Respectfully submitted,
GAI Consultants, Inc.

Scott C. Quinlan, P.E.
Senior Engineering Manager

cc: Dominion